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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,140,868 B2
APPLICATION NO. : 10/708,770
ISSUE DATE : November 28, 2006
INVENTOR(S) : Harold W. Steele and Phillip A. Tanis

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2 (cont.):
Lines 62-67, Delete duplicate paragraph -- In operation, helper pin **26** is fixed to ejector block **12** and clamp plate **14** at the same angle as lifter rod **20**. Because rod carrier **34** and helper carrier **36** are pivotally mounted with respect to the gibb plates, lifter foot assembly **22** may be utilized with various angular orientations of the lifter rod and helper pin. In the illustrative embodiment, the lifter rod--.

Column 4:
Lines 1-11, Delete duplicate paragraph --and helper pin may be positioned at an angle of 0 to 15 degrees with respect to the direction of movement of the ejector plate and may even be utilized at an angle of up to approximately **20** degrees with respect to the direction of movement of the ejector plate. As the ejector plate actuates lifter rod **20** upwardly, helper carrier **36** slides along helper pin **26**. Also, as the ejector plate **16** moves, the carrier assembly **30** moves laterally. This is assisted by the helper pin which assists in causing the slidable motion of the carrier assembly thereby reducing the lateral force placed upon the lifter rod.--

Line 26, Insert missing paragraph -- The present invention may be utilized with a camming surface **32** that is substantially horizontal. Alternatively, the camming surface may be placed at an angle with respect to the surface of the ejector plate as shown in the illustrated embodiment. This allows the designer to apply additional acceleration to the lifter rod or reduce the acceleration of the lifter rod depending upon the angle and the direction of slope of the camming surfaces. In the illustrative embodiment, camming surfaces **32** may typically be at an angle of between 0 and 15 degrees, but may be at an angle of up to **20** and even **30** degrees in order to provide additional acceleration to the lifter rod or reduce acceleration of the lifter rod, if needed. This further facilitates the broad use of the core blade lifter assembly in various applications.--.

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PATENT NO. 7,140,868 B1
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Column 4 (cont.):
Lines 35-43, Delete duplicate paragraph -- Thus, it is seen that the present invention provides a universal lifter foot assembly that is exceptionally versatile and allows the mold designer to utilize common components without the necessity for detailed design of the elements thereof. Moreover, a carrier assembly and gibb plates may be kept in stock with the angle of the camming surfaces either machined at the time of use or stocked at various angles of inclination. Other Other modifications will become apparent to those skilled in the art.--

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